

Abstract of the Disclosure

An apparatus and method for controlling a transmission power of a base transceiver station in a CDMA mobile communication system is disclosed. The apparatus for controlling a transmission power in a CDMA mobile communication system, including: a central processing unit (CPU) for performing control operation according to a power control require signal of a user; a gain controller for outputting a gain signal according to the CPU control; and a gain variable amplifier for regulating transmission power by varying according to the gain signal of the gain controller.